

ABSTRACT OF THE DISCLOSURE

The present invention provides a stable, low free formaldehyde, synergistic antimicrobial composition, and a method of inhibiting the growth of or reducing microorganisms by applying the composition. Preferably, the constituents are dimethylol dimethylhydantoin, monomethylol dimethylhydantoin, dimethyl hydantoin, and dehydroacetic acid or its salts thereof. The composition has a free formaldehyde content of less than 0.2% and is beneficial for controlling microbiological and fungal contamination in personal care products, household products and industrial products and systems.